Index of Claims

| App | lica | tion | /Con | trol | No. |
|-----|------|------|------|------|-----|

10/695,869 Examiner

Applicant(s)/Patent under Reexamination

KAWABATA ET AL.

**Art Unit** 

Ben Lewis

1745

Rejected **Allowed** 

(Through numeral) Cancelled Restricted

Non-Elected N

Interference

Appeal Α 0 Objected

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| Cla   | aim              | Date                                  |                |              |              |          |          |          |                                     |          |  |  |
| Final | Original         | 9/28/06                               |                |              |              |          |          |          |                                     |          |  |  |
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|       | 1<br>2<br>3<br>4 | V                                     | -              | $\vdash$     | _            | -        | -        | $\vdash$ | ╁╴                                  | $\vdash$ |  |  |
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|       | 4                | 1                                     |                |              |              | -        |          |          |                                     |          |  |  |
|       | 5                | V                                     |                |              |              |          |          |          |                                     |          |  |  |
|       | 6                | ٧                                     |                |              |              |          |          |          |                                     |          |  |  |
|       | 7                | 1                                     |                |              |              |          |          |          |                                     |          |  |  |
|       | 8                | 1                                     |                | L            |              |          |          |          |                                     |          |  |  |
|       | 9                | 1                                     |                | _            | _            |          |          |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> |  |  |
|       | 10               | 1                                     | $oxed{oxed}$   | _            |              |          |          | <u>_</u> | <u> </u>                            |          |  |  |
|       | 11               | 1                                     | _              | <u> </u>     |              |          |          | _        | <u> </u>                            | <u> </u> |  |  |
|       | 12               | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | <del> </del> - | <del> </del> | <u> </u>     | <u> </u> | $\vdash$ | <u> </u> | ├—                                  | <u> </u> |  |  |
|       | 12<br>13<br>14   | 1 V                                   | $\vdash$       | <u> </u>     | $\vdash$     | $\vdash$ | <u> </u> | _        | $\vdash$                            | $\vdash$ |  |  |
|       | 15               | 1                                     |                |              |              |          | -        | _        | _                                   |          |  |  |
|       | 15<br>16<br>17   | V<br>J                                | ├              | ⊢            | ⊢            | ⊢        | <u> </u> |          | ├                                   | ┝        |  |  |
|       | 17               | J                                     | $\vdash$       | $\vdash$     | _            | Н        | $\vdash$ | $\vdash$ | $\vdash$                            | $\vdash$ |  |  |
|       | 18               | 1                                     | $\vdash$       | $\vdash$     | -            | H        | $\vdash$ | ┝        |                                     | $\vdash$ |  |  |
|       | 18<br>19         | j                                     | ┢              | <del> </del> | -            | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$                            | $\vdash$ |  |  |
|       | 20               | 1                                     | $\vdash$       | -            |              |          | -        | -        | -                                   |          |  |  |
|       | 21               | Ė                                     | $\vdash$       |              |              |          | -        |          | _                                   | _        |  |  |
|       | 22               | T                                     | $\vdash$       | $\vdash$     |              |          |          | _        | $\vdash$                            | <u> </u> |  |  |
|       | 23               |                                       |                |              |              |          |          |          |                                     |          |  |  |
|       | 23<br>24         |                                       | $\vdash$       |              |              |          |          |          |                                     |          |  |  |
|       | 25               |                                       |                |              |              |          |          |          |                                     |          |  |  |
|       | 26<br>27         |                                       |                |              |              |          |          |          |                                     |          |  |  |
|       | 27               |                                       |                |              |              |          |          |          |                                     |          |  |  |
|       | 28               |                                       |                |              |              |          |          | <u> </u> |                                     |          |  |  |
|       | 29               |                                       |                |              | <u> </u>     |          |          |          |                                     |          |  |  |
|       | 30               |                                       |                |              | _            | L        |          | <u> </u> | L                                   | <u> </u> |  |  |
|       | 31<br>32         |                                       |                | _            | <u> </u>     |          |          | _        |                                     |          |  |  |
|       | 32               | ļ                                     |                |              | ļ            |          |          | <u> </u> |                                     |          |  |  |
|       | 33               | _                                     |                |              | <u> </u>     | L        | _        |          |                                     |          |  |  |
|       | 34<br>35         | _                                     |                | _            | _            | H        |          |          | H                                   | _        |  |  |
|       | 35               | $\vdash$                              | $\vdash$       | $\vdash$     | -            | $\vdash$ | <u> </u> |          | $\vdash$                            | <u> </u> |  |  |
|       | 37               | -                                     | -              | <del> </del> | <del> </del> | -        |          | -        | -                                   | <u> </u> |  |  |
|       | 38               | H                                     |                |              | -            | $\vdash$ |          | H        | $\vdash$                            | _        |  |  |
|       | 39               |                                       | -              | $\vdash$     | $\vdash$     | $\vdash$ | -        | $\vdash$ |                                     | <u> </u> |  |  |
|       | 40               | -                                     |                | H            | ┢─           | H        | -        | -        |                                     | _        |  |  |
| -     | 41               |                                       | _              | _            | $\vdash$     | Н        |          | -        |                                     | $\vdash$ |  |  |
|       | 42               | ┢                                     |                |              | Н            |          |          |          |                                     | $\vdash$ |  |  |
|       | 43               |                                       | П              | Г            | Г            |          |          | Г        |                                     |          |  |  |
|       | 44               |                                       |                |              |              | Г        |          |          |                                     |          |  |  |
|       | 45               |                                       |                |              |              |          |          |          |                                     |          |  |  |
|       | 46               |                                       |                |              |              |          |          |          |                                     |          |  |  |
|       | 47               |                                       |                |              |              |          |          |          |                                     |          |  |  |
|       | 48               |                                       |                |              | 匚            |          |          |          |                                     |          |  |  |
|       | 49               |                                       |                |              | $\Box$       | $\Box$   |          |          |                                     |          |  |  |
|       | 50               | l                                     | l              |              |              |          |          |          |                                     | l        |  |  |

| Cla      | im       |          |          |          | 1 | Date   | <b>e</b> |          |          |          |          | Cla   | aim      |          |          |          | [ | Date     | €       |          |          |          |
|----------|----------|----------|----------|----------|---|--|----------|----------|----------|----------|----------|-------|----------|----------|----------|----------|---|----------|---------|----------|----------|----------|
| Final    | Original | 9/28/06  |          |          |   |  |          |          |          |          |          | Final | Originat |          |          |          |   |          |         |          |          |          |
|          | 1        | 1        |          |          |   |  |          |          |          |          |          |       | 51       |          |          |          |   |          |         |          |          |          |
|          | 2        | 7        |          |          |   |  |          | L        |          | L        |          |       | 52       | Ш        |          |          |   |          |         |          |          |          |
|          | 3        | 1        |          |          |   |  |          |          |          |          |          |       | 53       |          |          |          |   |          |         |          |          |          |
|          | 4        | ٧        |          |          |   |  |          | L        |          |          |          |       | 54       |          |          |          |   |          |         |          |          |          |
|          | 5        | 7        |          |          |   |  |          |          |          |          |          |       | 55       |          |          |          |   |          |         |          |          |          |
|          | 6        | 7        |          |          |   |  |          |          |          |          |          |       | 56       |          |          |          |   |          |         |          |          |          |
|          | 7        | 1        |          |          |   |  |          |          |          |          |          |       | 57       |          |          |          |   |          |         |          |          |          |
|          | 8        | 1        |          |          |   |  |          | L        | Ļ        | _        |          |       | 58       | Ш        |          | _        |   |          |         | Щ        |          |          |
|          | 9        | 1        |          |          | _ |  |          |          |          | <u> </u> |          |       | 59       |          |          |          |   |          |         |          |          |          |
|          | 10       | 1        |          |          |   |  |          |          |          |          |          |       | 60       |          | _        |          |   |          |         |          |          | Ш        |
|          | 11       | 1        |          |          |   |  |          |          |          | <u> </u> |          |       | 61       | Ш        | _        |          |   |          |         |          |          |          |
| _        | 12       | 7        | _        |          |   | _  |          | _        | _        | <u> </u> |          |       | 62       | Ш        |          | _        | _ |          | <u></u> |          | Ш        | Ш        |
|          | 13       | 1        |          |          |   |  | _        |          |          | <u> </u> |          |       | 63       | Ш        | $\dashv$ | _        |   |          | _       |          |          |          |
|          | 14       | 7        |          |          |   | <u> </u>   | L        |          |          |          |          |       | 64       |          |          |          |   |          |         |          |          | Ш        |
|          | 15       | 1        | _        |          | _ | L  | _        | _        | _        | <u> </u> |          |       | 65       | Н        | $\vdash$ | _        |   |          |         |          |          | Н        |
|          | 16       | 1        | _        |          |   | H  | <u> </u> | $\vdash$ |          | ┝        |          |       | 66<br>67 |          |          |          |   | $\vdash$ |         | _        | _        | $\dashv$ |
|          | 17       | 7        | $\vdash$ |          |   | H  | H        | $\vdash$ |          | ┝        |          |       |          | $\vdash$ | _        |          |   | $\vdash$ | _       | _        | $\vdash$ | -        |
| -        | 18<br>19 | 1        | _        | H        |   | -  | ┝        |          |          | -        |          |       | 68<br>69 | Н        |          |          |   | <u> </u> |         |          |          | -        |
|          | 20       | 1        | $\vdash$ | <u> </u> |   | -  |          | -        |          | -        |          |       | 70       | -        |          | -        | _ | $\vdash$ | _       | _        |          |          |
|          | 21       | <u> </u> | _        | $\vdash$ |   | -  | -        | -        | -        | -        |          |       | 71       | -        |          | _        | _ | -        |         |          |          | -        |
|          | 22       | _        | _        |          | - | -  | _        | H        | $\vdash$ | ┝        |          |       | 72       | $\vdash$ |          | -        |   | -        | -       |          |          | -        |
| -        | 23       |          | _        |          |   | $\vdash$   | $\vdash$ | $\vdash$ |          | $\vdash$ |          |       | 73       | Н        | $\dashv$ | -        |   | -        |         | _        | Н        |          |
|          | 24       |          | _        |          |   | H  | $\vdash$ | $\vdash$ |          | $\vdash$ |          |       | 74       | Н        |          |          | _ |          |         | _        | $\vdash$ | $\dashv$ |
|          | 25       |          |          |          |   |  |          |          |          |          |          |       | 75       | Н        |          |          | _ |          |         | _        |          | $\neg$   |
|          | 26       | _        | _        |          |   |  |          |          |          | $\vdash$ |          |       | 76       | П        | $\neg$   |          |   |          |         |          |          |          |
|          | 27       |          |          |          |   |  |          |          |          |          |          |       | 77       |          |          |          |   |          |         |          |          |          |
|          | 28       |          |          |          |   |  |          |          |          |          |          |       | 78       |          |          |          |   |          |         |          |          |          |
|          | 29       |          |          |          |   |  |          |          |          |          | ĺĺ       |       | 79       |          |          |          |   |          |         |          |          |          |
|          | 30       |          |          |          |   |  |          |          |          |          |          |       | 80       |          |          |          |   |          |         |          |          |          |
|          | 31       |          |          |          |   |  |          |          |          |          |          |       | 81       |          |          |          |   |          |         |          |          |          |
|          | 32       |          |          |          |   |  |          |          |          |          |          |       | 82       | Ш        |          |          |   |          |         |          |          | Ш        |
|          | 33       |          |          |          |   |  |          |          |          |          |          |       | 83       | Ш        | _        |          |   |          |         |          |          |          |
| _        | 34       |          |          |          |   |  |          |          |          |          |          |       | 84       | Ш        | _        |          |   |          |         |          |          |          |
|          | 35       |          |          |          |   | _  | _        |          |          |          |          |       | 85       | Ш        |          | _        |   |          |         |          |          |          |
|          | 36       | _        | _        | _        | _ |  |          | _        |          |          |          |       | 86       | Ш        |          |          |   |          |         |          | Ш        |          |
| _        | 37       |          |          |          |   | _  | _        | _        | Щ        |          |          |       | 87       | Н        | _        | _        | _ | _        | _       |          |          |          |
|          | 38       |          |          | _        |   | <u> </u>   | _        | -        |          | _        |          |       | 88       | Н        | $\dashv$ |          |   |          |         |          |          |          |
| _        | 39       |          |          |          |   | H  |          | -        |          | -        |          |       | 89       | Н        | $\dashv$ | _        |   |          |         |          | _        |          |
|          | 40       |          |          |          |   | ┝  | _        |          |          | -        |          |       | 90       | Н        |          |          | _ |          |         |          |          |          |
|          | 41<br>42 | _        | _        |          |   | -  |          | -        |          | <u> </u> |          |       | 91<br>92 | -        |          | $\dashv$ | - |          | -       |          | _        |          |
| -        | 43       |          |          |          |   | -  | -        |          | -        | -        | <b> </b> |       | 93       | H        |          | _        |   |          |         | _        | H        | Н        |
| $\dashv$ | 44       | -        | _        | -        |   | $\vdash$   | $\vdash$ | -        |          | -        |          |       | 94       | Н        | -        | $\dashv$ | _ | _        | -       | $\vdash$ | $\vdash$ |          |
| $\neg$   | 45       | _        |          | _        |   | $\vdash$   | Н        | Н        |          | $\vdash$ |          |       | 95       | Н        | $\dashv$ |          |   | -        | -       |          |          |          |
| $\neg$   | 46       |          | Н        |          |   | H  | Н        | Н        | Н        | $\vdash$ |          |       | 96       | H        | -        | =        |   |          |         | Н        | Н        | $\vdash$ |
|          | 47       | _        | _        |          |   | <del>                                     </del> | $\vdash$ | М        |          | $\vdash$ |          |       | 97       | Н        | $\neg$   | $\neg$   |   |          |         |          |          | $\neg$   |
|          | 48       | _        |          | _        |   |  | г        | П        | П        | Г        |          |       | 98       | П        | $\neg$   | _        |   |          |         |          |          |          |
|          | 49       |          |          |          |   |  |          |          |          |          |          |       | 99       |          |          |          |   |          |         |          |          |          |
|          | 50       |          |          |          |   |  |          |          |          |          |          |       | 100      |          |          |          |   |          |         |          |          |          |
|          |          |          |          |          |   |  |          |          |          |          | •        |       |          |          |          |          |   |          |         |          |          |          |

| Cla      | Date  |              |          |              |              |              |  |              |              |              |
|----------|---|--------------|----------|--------------|--------------|--------------|--|--------------|--------------|--------------|
|          |   |              |          |              |              |              |  |              |              |              |
| <u>_</u> | Original  |              |          |              |              |              |  |              |              |              |
| Final    | rigi  |              |          |              |              |              |  |              |              |              |
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|          | 101   | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | _            | _  |              |              |              |
|          | 102   | H            | -        | H            |              |              | -  |              | _            |              |
|          | 101<br>102<br>103   | -            |          | ┢            | ┢╌           | -            |  | -            | -            |              |
|          | 1104  | <del> </del> | H        | ╁            | $\vdash$     |              |  |              | <u> </u>     |              |
|          | 105<br>106<br>107   | -            | -        | ┢╾           | $\vdash$     |              | _  |              |              |              |
|          | 106   | _            | _        | H            | -            |              | -  | -            | _            |              |
|          | 107   | $\vdash$     |          | $\vdash$     | -            | $\vdash$     | $\vdash$   | $\vdash$     | _            |              |
|          | 108   | -            | _        | ┢            | $\vdash$     | $\vdash$     | Н  | $\vdash$     |              |              |
|          | 108<br>109<br>110   | -            | -        | ┢            | $\vdash$     |              |  | $\vdash$     |              |              |
|          | 110   | $\vdash$     | $\vdash$ | ┢            | -            | -            |  | _            | <u> </u>     |              |
|          | 111   | $\vdash$     |          | ⊢            | $\vdash$     | Н            | $\vdash$   | $\vdash$     | _            |              |
|          | 112   | _            | -        | ┢─╴          | $\vdash$     | $\vdash$     | $\vdash$   | _            | $\vdash$     |              |
|          | 113   | $\vdash$     | $\vdash$ | ┢            |              | -            | -  |              |              |              |
|          | 111<br>112<br>113<br>114<br>115   | $\vdash$     | $\vdash$ | ┢─           | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$     | <del> </del> |              |
|          | 115   | $\vdash$     | H        | $\vdash$     | -            | H            | $\vdash$   | $\vdash$     |              |              |
|          | 116   | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$     | <del> </del> |              |
|          | 117   | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$     | <del>                                     </del> | <del> </del> | $\vdash$     | _            |
|          | 112   | $\vdash$     | $\vdash$ | ╁            | $\vdash$     | $\vdash$     | -  | <del> </del> | <del> </del> |              |
| -        | 116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | -            | $\vdash$ | <del> </del> | $\vdash$     | -            | -  | _            | $\vdash$     |              |
|          | 120   | $\vdash$     | -        | $\vdash$     | -            | $\vdash$     |  |              | ⊢            |              |
|          | 121   | ⊢            |          | $\vdash$     | H            | ⊢            | H  |              | -            | _            |
|          | 121   | ┝            | Н        | ┝            | H            | <del> </del> | H  | _            | ⊨            |              |
|          | 122   | -            | $\vdash$ | $\vdash$     | $\vdash$     | ⊢            | $\vdash$   | -            | ⊢            | -            |
|          | 124   |              | -        | $\vdash$     | H            |              | -  |              | ┝            | _            |
|          | 125   | -            | -        | ├            | -            | -            | -  | _            | -            |              |
|          | 125   | $\vdash$     | _        | -            | <u> </u>     | $\vdash$     | $\vdash$   |              | -            |              |
|          | 120   | ┝            | -        | -            | $\vdash$     | $\vdash$     | ├  | ├─           | ┝            | -            |
|          | 128   | -            | -        | -            | -            | <del> </del> |  | _            | <del> </del> | -            |
|          | 120   | -            |          |              | -            | <del> </del> | $\vdash$   |              | ┝            | -            |
|          | 120   | -            | -        |              | ├            |              | $\vdash$   |              | $\vdash$     |              |
|          | 131   | -            |          | $\vdash$     | ┝            | -            | ┝  | $\vdash$     | -            | -            |
|          | 122   | -            | -        | $\vdash$     | -            | ┝            | $\vdash$   | _            | ┝            | _            |
|          | 132<br>133  | -            | $\vdash$ | ├-           | -            | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$     | <u> </u>     |
|          | 134   |              | -        | <del> </del> | -            | ├            | $\vdash$   | $\vdash$     | ├            | $\vdash$     |
|          | 134   | $\vdash$     | -        |              |              | -            | $\vdash$   | ├            |              | -            |
|          | 135<br>136  |              | $\vdash$ | $\vdash$     |              | ├──          | $\vdash$   | $\vdash$     | $\vdash$     | -            |
|          | 137   | -            | -        | <del> </del> | -            | -            | $\vdash$   | $\vdash$     | $\vdash$     |              |
|          | 137   |              |          | $\vdash$     | ├-           |              | $\vdash$   | $\vdash$     | $\vdash$     | <del> </del> |
|          | 138<br>139  | $\vdash$     | $\vdash$ | $\vdash$     | -            | -            | $\vdash$   | $\vdash$     | $\vdash$     | -            |
|          | 140   | -            | -        |              | -            | -            | ┝╌   | -            | $\vdash$     |              |
|          | 141   |              | $\vdash$ | $\vdash$     |              |              | $\vdash$   | $\vdash$     | $\vdash$     | -            |
|          | 142   | -            | -        | $\vdash$     |              | -            | $\vdash$   | <u> </u>     | $\vdash$     | -            |
|          | 143   | -            | Η-       | -            | -            | <u> </u>     | $\vdash$   | <del> </del> | $\vdash$     | -            |
|          | 144   | -            | -        | -            | -            | -            | <del>                                     </del> | -            | -            | -            |
|          |   |              | -        |              | <del> </del> | -            | $\vdash$   | $\vdash$     | ┢            |              |
|          | 145   | <u> </u>     |          | -            | ⊢            | $\vdash$     | <del>  -</del>                                   | -            | <del> </del> |              |
|          | 146   |              |          | -            | -            | <u> </u>     | ├  | -            | -            | -            |
|          | 147   | $\vdash$     | $\vdash$ | -            | ├            | -            | ├-   | ├            | <del> </del> | Ь—           |
|          | 148   | -            | ├        | -            | <u> </u>     | $\vdash$     | $\vdash$   | $\vdash$     | ├-           | -            |
|          | 149<br>150  | $\vdash$     | <u> </u> | -            | <u> </u>     | <del> </del> | $\vdash$   | $\vdash$     | -            | -            |
|          |   |              |          |              |              |              |  |              |              |              |